

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KTEB	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 6	<u>ORIGINAL/AMENDMENT</u> 30	<u>CITY</u> TETERBORO	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 6	<u>SUPERSEDED</u> ILS OR LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 29I	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> I-TEB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SBJ VOR/DME	IAF	MALCN		TF	FB	1.00	080.35	10.00	2200
MALCN		VINGS		TF	FB	1.00	082.48	12.85	2000
VINGS	IF	LEESY		TF	FB	1.00	060.00	3.16	1700
LEESY		DANDY/RADAR		TF	FB	1.00	060.03	3.10	1500
DANDY/RADAR		TORBY LOM					060.16	2.19 (I-TEB)	1300
TORBY LOM	FAF	3.80 NM AFTER TORBY LOM	MAP				060.16	3.80 (I-TEB)	
3.80 NM AFTER TORBY LOM	MAP	1000 MSL		CA			060.16		1000
1000 MSL		TEBLE		DF	FB	1.00			2000
TEBLE		UBUCK		TF	FO	1.00	271.93		3000

MISSED APPROACH

MAP:

ILS: DA
LOC: 3.80 NM AFTER TORBY LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 2000 DIRECT TEBLE, CROSS TEBLE AT OR BELOW 2000, THEN CLIMB TO 3000 ON TRACK 271.93 TO UBUCK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT VINGS

3. FAC: 060.16 FAF: TORBY LOM DIST FAF TO MAP: 3.80 DIST FAF TO THLD: 3.80

4. MIN ALT: VINGS 2000, LEESY 1700, DANDY/RADAR 1500, TORBY LOM 1300

5. DIST TO THLD FROM OM: 3.80 MM: IM: 150 HAT: GS ANT: 1022

6. MIN GS INCPT: 1300 GS ALT AT PFAF : GP INTCP 1300 OM: 1270 MM: IM:

7. GS ANGLE: 3.00 34:1: 20:1: TCH: 53.4

8. MSA FROM: TEB VOR/DME 2900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTE:

RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA FOR CATS B, C AND D NW OF RWYS 6 AND 19.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SBJ VOR/DME AIRWAY RADIALS 028 CW 147.

ADDITIONAL FLIGHT DATA:

CHART AT OR BELOW 2000 AT TEBLE.
CHART MANDATORY 1500 AT DANDY/RADAR.
HOLD E, RT, 271.75 INBOUND.
FAS OBST: 300 AAO 404815N/0740715W.
320 AAO 404748N/0740735W.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; STANDARD - CAT C 900-2 1/2, CAT D 1100-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 06	206	1800	200	206	1800	200	206	1800	200	206	1800	200			
S-LOC 06	560	2400	554	560	2400	554	560	6000	554	560	6000	554			
CIRCLING	760	1	752	760	1	752	820	2 1/2	812	1040	3	1032			



CHANGES - REASONS

1. CHANGED NAME FROM ILS OR LOC RWY 6 TO ILS Z OR LOC Z RWY 6 - ALPHABETICAL SUFFIX ADDED IAW 8260.3E PARAGRAPH 1-6-2 (D).
2. TERMINAL ROUTES: ADDED STEPDOWN FIXES IN THE INITIAL AND INTERMEDIATE SEGMENT; SBJ VOR/DME TO MALCN, MALCN TO VINGS TO LEESY, LEESY TO DANDY - RNAV TRANSITIONS ADDED TO THIS PROCEDURE IN ORDER TO REDUCE OBSTACLE EVALUATION AREA SIZE AND MAINTAIN CURRENT SEGMENT ALTITUDES.
3. TERMINAL ROUTES: REMOVED RADIAL AND DME FROM WAYPOINTS VINGS AND DANDY - IAW 8260.19I, 8-6-4 (A) (6); PROCEDURE MODIFIED TO A HYBRID IAP, ADDED PBN INITIAL AND INTERMEDIATE SEGMENTS TO CONVENTIONAL IAP.
4. TERMINAL ROUTES: ALL SEGMENTS CHANGED TO RNP VALUE OF 1.0 WITH TF LEG - IAW 8260.58B, TABLE 1-2-1; PROCEDURE MODIFIED TO A HYBRID IAP, ADDED PBN TRANSITION TO CONVENTIONAL IAP.
5. TERMINAL ROUTES: ANNOTATED ALL LEG AS TRACK-TO-FIX (TF) AND FLY-BY (FB) - IAW 8260.19I, 4-6-4 AND 5.
6. TERMINAL ROUTES: UPDATED DANDY TO TORBY LOM COURSE FROM 060.15 TO 060.07 - LOM MOVED 11.84 FEET SOUTHWEST.
7. TERMINAL ROUTES: FAF CHANGED FROM TE OM TO TORBY LOM - IAW 8260.19I, 8-2-6 (D).
8. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 2500 ON TEB R-335 TO PATRN INT AND HOLD" TO "CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 2000 DIRECT TEBLE, CROSS TEBLE AT OR BELOW 2000, THEN CLIMB TO 3000 ON TRACK 271.93 TO UBUCK AND HOLD" - MISSED APPROACH REDESIGNED BECAUSE OF ATC'S REQUEST TO DECONFLICT TRAFFIC FROM ADJACENT ATC DELEGATED AIRSPACE, AND TO HAVE ONE MISSED APPROACH PROCEDURE DEDICATED TO ALL RWY 6 APPROACHES.
9. PROFILE LINE 3: FAF CHANGED FROM TE OM TO TORBY LOM - IAW 8260.19I, 8-2-6 (D).
10. PROFILE LINE 4: MIN ALT CHANGED FROM VINGS INT/I-TEB 12.00 DME 2000, DANDY/TEB 6.34 DME/RADAR 1500, TE OM 1300 TO VINGS 2000, LEESY 1700, DANDY 1500, TORBY LOM 1300 - VINGS CHANGED TO WP, LEESY SDF ADDED, DANDY CHANGED TO WP, AND TORBY LOM DATA UPDATED - IAW 8260.19I, 8-2-6 (E).
11. PROFILE LINE 6: ADDED GS ALT AT PFAF; ADDED GP INTCP 1300 AND OM 1270 - IAW 8260.19I, 8-6-7 (F) (5).
12. PROFILE LINE 7: CHANGED TCH FROM 53 TO 53.4 - UPDATED WITH DESIGN TCH.
13. PROFILE LINE 8: MSA FROM: CHANGED FROM TEB VOR/DME 3000 TO TEB VOR/DME 2900 - REVISED OBSTACLE EVALUATION; MSA CONTROLLING OBSTACLE: 1808' TOWER.
14. EQUIPMENT REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - PROCEDURE REDESIGNED TO A HYBRID IAP, ADDED PBN TRANSITION TO CONVENTIONAL IAP; IAW 8260.58B, 1-2-4, TABLE 1-2-1.
15. EQUIPMENT REQUIREMENTS NOTE: REMOVED "DME OR RADAR REQUIRED AND ADF REQUIRED FOR LOC ONLY" - PROCEDURE REDESIGNED TO A HYBRID IAP, ADDED PBN TRANSITION TO CONVENTIONAL IAP.
16. EQUIPMENT REQUIREMENTS NOTE: ADDED "RADAR REQUIRED" - EQUIVALENT LEVEL OF SAFETY REQUIREMENT FROM WAIVER FOR HOLD-DOWN ALTITUDE IN MISSED APPROACH SEGMENT AT TEBLE.
17. NOTES: DELETED "DME FROM TEB VOR/DME" - PER AIRNAV DATA, TEB LOCALIZER DME UNUSABLE FOR RADIALS 236° - 246°.
18. NOTES: REMOVED "FOR INOPERATIVE ALS, INCREASE LOC CATS C/D VISIBILITY TO 1 3/8 SM" - IAW 8260.19I, 8-6-11 (O) (3), NOT APPLICABLE AS STANDARD NO-LIGHT INCREASES APPLIES.
19. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SBJ VOR/DME AIRWAY RADIALS 028 CW 147" - IAW 8260.19I, 8-2-5 (G) (1); 8260.58 (B) 1-2-5 (A) (3).
20. NOTES: DELETED "CHART NOTE: CIRCLING RWY 24 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD" - NOT REQUIRED, RWY 24 CIRCLING 20:1 PENETRATIONS ARE LIT.
21. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - IAW REVISED CIRCLING MANEUVERING AREA CRITERIA IMPLEMENTATION PLAN MEMO 279 DATED MAY 13, 2021.
22. ADDITIONAL FLIGHT DATA: ADDED "CHART AT OR BELOW 2000 AT TEBLE - MISSED APPROACH HOLD-DOWN ALTITUDE REQUIRED TO MANAGE TRAFFIC FLOW.
23. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD NE, RT, 211. INBOUND" TO "HOLD E, RT, 271.75 INBOUND" - MISSED APPROACH PROCEDURE REDESIGNED TO DECONFLICT TRAFFIC FROM ADJACENT AIRSPACE.
24. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART MANDATORY ALTITUDE 1500 AT DANDY/TEB 6.4 DME/RADAR IN PLANVIEW" TO "CHART MANDATORY 1500 AT DANDY" - DANDY CHANGED TO WP ONLY.
25. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE; DELETED "258' TREE 404851N/0740818W" AND ADDED "300 AAO 404815N/0740715W" - IAW 8260.19I, 8-6-10 (C).
26. ADDITIONAL FLIGHT DATA: UPDATED 7:1 OBSTACLE INFORMATION; DELETED "286 T-L TWR 404808N/0740828W" AND ADDED "320 AAO 404748N/0740735W" - IAW 8260.19I, 8-6-10 (E).
27. ALTERNATE MINIMUMS: CHANGED FROM "ILS: CATS A & B 800-2, CAT C 800-2 1/4, CAT D 900-2 3/4; LOC: CAT C 800-2 1/4, CAT D 900-2 3/4" TO "LOC: STANDARD - CAT C 900-2 1/2, CAT D 1100-3" - IAW 8-6-11 (B) (5).
28. MINIMUMS: UPDATED LOC CAT C AND D VISIBILITY FROM RVR 5000 TO RVR 6000 - IAW 8260.3E TABLE 3-3-1.
29. MINIMUMS: INCREASED S-LOC MDA/HAT FROM 500/494 TO 560/554 - REVISED OBSTACLE EVALUATION, 300' AAO.

06/23/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/01/2022.

1. UPDATED FIX DANDY AS RADAR.
2. ADDED PBN MISSED APPROACH TO TERMINAL ROUTES.
3. ADDED "ILS - STANDARD" TO ALTERNATE MINIMUMS.
4. CHANGED TERMINAL ROUTE DANDY TO TORBY LOM FROM RNAV TO GROUND BASED AND THE COURSE FROM 060.07 TO 060.16.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZNY, NY TRACON, TEB ATCT, AMGR

FLIGHT CHECKED BY
JORGE ALBERTO MALCUN

Digitally signed by
ERIC N SUSKI
Jun 26, 2023

OFFICE
FIOG

DATE
06/06/2023

DEVELOPED BY
PARNELL PRASSADA

Digitally signed by
PARNELL R PRASSADA
Jun 23, 2023

OFFICE
AJV-A431

DATE
12/01/2022

APPROVED BY
ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Jun 26, 2023

OFFICE
AJV-A431

DATE

TITLE
MANAGER



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KTEB	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 6	<u>AMDT NO.</u> 30	<u>CITY</u> TETERBORO	<u>STATE</u> NJ	<u>AIRPORT ELEVATION</u> 8	<u>FACILITY</u> I-TEB
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
SBJ VOR/DME

TO
MALCN

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	403715.00N/0744812.00W		1024	164	98	4E	1000					2100
TERRAIN	403703.00N/0743439.00W		672 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM
MALCN

TO
VINGS

<u>RNP</u>	<u>DISTANCE</u> 12.85	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (34-000182)	403717.36N/0743013.55W		949	250	50	4D	1000					2000
TERRAIN	403809.00N/0742830.00W		623 (600)								AS1000	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM
VINGS

TO
LEESY

<u>RNP</u>	<u>DISTANCE</u> 3.16	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	404409.00N/0741730.00W		807	164	98	4E	500				AC98 AT295	1700
TERRAIN	404433.00N/0741706.00W		603 (600)								AS1000	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM
LEESY

TO
DANDY/RADAR

<u>RNP</u>	<u>DISTANCE</u> 3.10	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	404545.00N/0741606.00W		804	164	98	4E	500				AC98	1500
TERRAIN	404636.00N/0741403.00W		269 (300)								AS1000	1300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: LOC STEPDOWN

FROM
DANDY/RADAR

TO
TORBY LOM

RNP	DISTANCE 2.19	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404751.00N/0741230.00W		453	164	98	4E	500				AC98 DG249	1300
TERRAIN	404815.00N/0740921.00W		216 (200)								AS1000	1200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

AFS APPROVAL LETTER FOR MANDATORY ALTITUDE IN INTERMEDIATE SEGMET AT DANDY.

FINAL: ILS

FROM
GP INTCP

TO
RW06

RNP	DISTANCE 3.80	PAT	MAP DA	HAT 200			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				206

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LOC

FROM

TORBY LOM

TO

3.80 NM AFTER TORBY LOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
	3.80		3.80 NM AFTER TORBY LOM	554							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	404815.40N/0740714.81W	300	50	20	2C	250					560

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : ILS

FROM

DA

TO

UBUCK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 38				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
AAO	405512.00N/0742421.00W	1178	164	98	4E	1000					2200
TERRAIN	405512.00N/0742421.00W	997 (1000)								AS1000	2000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LOC

FROM
3.80 NM AFTER TORBY LOM

TO
UBUCK

RNP	DISTANCE	PAT	MAP	HAT			HMAS 310					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
AAO	405512.00N/0742421.00W		1178	164	98	4E	1000					2200
TERRAIN	405512.00N/0742421.00W		997 (1000)								AS1000	2000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (34-000304)	404936.00N/0740433.00W	1.30	752	441	20	3	1A	300			760
CATEGORY B											
TOWER (34-000304)	404936.00N/0740433.00W	1.81	752	441	20	3	1A	300			760
CATEGORY C											
ANTENNA (34-040256)	404827.01N/0740406.69W	2.83	812	508	20	3	1A	300			820
CATEGORY D											
TOWER (34-001062)	404754.36N/0740521.51W	3.70	1032	675	500	50	5D	300		AC50	1040

CIRCLING REMARKS:

CIRCLING RESTRICTION: CIRCLING NA FOR CAT B/C/D NORTHWEST OF RWY 06 AND RWY 19 PER ATC REQUEST - ENABLES KTEB AIRSPACE CONTAINMENT.



MSA

CENTER

TEB VOR/DME

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (36-000266)	411230.55N/0742121.42W	339	25.4	1808	20	3	1A	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

WAIVER FOR MISSED APPROACH 2000 FT HOLD-DOWN ALTITUDE FROM DA/THLD TO FIX TEBLE:
HOLD-DOWN CONTROLLING OBSTACLE: 750 AAO 405812.39N/0741008.85W, 1000 FT ROC APPLIED. MIN ALTITUDE 1800.

MISSED APPROACH EVALUATED USING 200 KIAS SPEED RESTRICTION AT TEBLE TO CONTAIN VA-DF LEG WITHIN WIND SPIRAL BOUNDARIES. MISSED APPROACH IS WHOLLY CONTAINED WITHIN LATERAL BOUNDARIES OF KEWR/N90 CLASS B AIRSPACE, WHICH RESTRICTS AIRSPEED TO 200 KIAS PER CFR 91.117(C). SPEED RESTRICTION NOT CHARTED.

CONVENTIONAL INITIAL, INTERMEDIATE, AND MISSED APPROACH SEGMENTS CHANGED TO PBN TRANSITIONS (RNAV GPS) DUE TO AIRSPACE CONSTRAINTS. INTERMEDIATE SEGMENT DESIGNED AS RNAV GPS BECAUSE USING A CONVENTIONAL INTERMEDIATE RESULTS IN A MUCH LARGER OBSTACLE IDENTIFICATION SURFACE, WHICH IN TURN REQUIRES AN INCREASE TO THE FIX CROSSING ALTITUDE AT DANDY FROM 1500 TO 1600. MANDATORY ALTITUDE OF 1500 AT DANDY, ALONG WITH MISSED APPROACH HOLD-DOWN ALTITUDE AT TEBLE OF AT/BELOW 2000, ARE REQUIRED TO ACCOUNT FOR TRAFFIC FLOW TO/FROM KJFK AND KEWR. ALL FUTURE CHANGES TO THESE ALTITUDE RESTRICTIONS MUST BE COORDINATED WITH FTP/ATC PRIOR TO ANY MODIFICATION.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

TEB TOWER, NYC APP CON, ACY TRACON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KTEB	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTEB	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCE.

<u>PRIMARY NAVAID</u> I-TEB	<u>MONITOR POINT</u> TEB TOWER	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW01 - HIRL, REIL, C/LINE, VASI-4R	PIR-G	
RW06 - TDZ, MALSR, HIRL, REIL, C/LINE	PIR-G	APPROACH, ROLL OUT
RW19 - TDZ, HIRL, REIL, C/LINE, PAPI-4L	PIR-G	
RW24 - HIRL, REIL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 4.9	<u>TCH</u> 53.4	<u>ELEV GS ANTENNA</u> 4.3	<u>DISTANCE FROM RWY</u> 1022	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 24				
20:1					
32 BUILDING (34-020850) 405131.41N/0740309.74W (8.9)			22 TRAVERSE_WAY (34-039070) 405130.32N/0740311.13W (6.56)		
22 TRAVERSE_WAY (34-035635) 405130.72N/0740310.53W (3.49)					

PENETRATIONS REMARKS:

ALL CIRCLING 20:1 PENETRATIONS TO RWY 24 ARE LIGHTED, VGSI NOTE NOT REQUIRED.

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - DME SOURCE NOT AVAILABLE.

PRECIPITOUS TERRAIN EVALUATION.

100 FT VEGETATION PER FPT.

WAIVER (1): MAXIMUM ALTITUDE RESTRICTION IN THE MISSED APPROACH SEGMENT. LOA (1):

APPROVAL FOR MANDATORY ALTITUDE IN THE INTERMEDIATE SEGMENT. ORDER 8260.3 CHAPTER 2

APPLIED TO 320 AAO 404747.85N/0740734.71W.

DOCUMENT HAS BEEN EDITED USING PDF FEATURE TO COMPLY WITH EXISTING REGULATIONS.



<u>AIRPORT ID</u> KTEB	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 6	<u>AMDT NO.</u> 30	<u>CITY</u> TETERBORO	<u>STATE</u> NJ	<u>AIRPORT ELEVATION</u> 8	<u>FACILITY</u> I-TEB
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.59
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.99
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	048.16
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	IF	TO 1500FT POINT	6.39
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	048.16
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	200
THRESHOLD COORDINATES (IF STR-IN)	405048.22N/0740413.06W		
ARP COORDINATES	405100.40N/0740339.00W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 1 DISTANCE 0.69 NM		
FAF COORDINATES	404815.80N/0740756.98W		
FIX NAME COORDINATES	IF VINGS: 404236.79N/0741612.91W		
REMARKS	NO ADDITIONAL AIRSPACE REQUIRED.		

QUALITY
16
CHECKED

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Electronic Version

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PART E: PREPARED BY

<u>NAME</u> PARNELL PRASSADA	<u>OFFICE</u> AJV-A431	<u>DATE</u> 12/01/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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